Health Care Financing Notes

Medicare: Summary of Use and Reimbursement by Person, 1978

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Health Care Financing Notes

The Health Care Financing Administration was established to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Professional Standards Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to promote the timely delivery of appropriate, quality health care to its beneficiaries—approximately 47 million of the nation's aged, disabled, and poor. The Agency must also ensure that program beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that Agency policies and actions promote efficiency and quality within the total health care delivery system.

HCFA's Office of Research, Demonstrations, and Statistics (ORDS) conducts studies and projects that demonstrate and evaluate optional reimbursement, coverage, eligibility, and management alternatives to the present Federal programs. ORDS also assesses the impact of HCFA programs on health care costs, program expenditures, beneficiary access to services, health care providers, and the health care industry. In addition, ORDS monitors national health care expenditures and prices and provides actuarial analyses on the costs of current HCFA programs as well as the impact of possible legislative or administrative changes in the programs.

The purpose of the ***Health Care Financing Notes*** is to provide the public with descriptive program data or information as soon as it becomes available. Data are presented here in a brief, concise format. Frequently a more comprehensive analysis of the data may be available at a later time in one of the Health Care Financing Administration's other publications.

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Medicare: Summary of Use and Reimbursement by Person, 1978

By Martin Ruther

This *Note* presents data on aged and disabled persons enrolled for Medicare who received reimbursements for services used in 1978. It provides highlights of the data which will appear in the Annual Summary Report.[1] It also shows the number of persons receiving reimbursements for each of the major Medicare benefit categories and the amounts reimbursed. For the aged, data are shown for selected years from 1967 (the first full year of coverage) to 1978. For the disabled, to whom Medicare coverage was extended by the Social Security Amendments of 1972, data are shown from 1974 (the first full year of coverage) to 1978. The 1972 Amendments extended coverage to two groups of persons who are included in the data for the disabled in this *Note:* (1) persons who have been receiving social security or railroad retirement monthly benefits based on their disability, and who have been entitled to monthly disability benefits for at least 24 consecutive months; and (2) persons under 65 who require hemodialysis or renal transplantation for chronic renal disease and who are currently or fully insured, or entitled to monthly social security benefits, or the spouses or dependent children of such insured or entitled individuals. The Social Security Amendments of 1978 extended similar coverage to persons age 65 and over as of October 1, 1978.

Medicare enrollees become eligible to receive reimbursements, or to have them paid on their behalf, when they file claims which show they have incurred covered charges which exceed the applicable Medicare deductibles. Under the Hospital Insurance (HI) program (Part A), the deductible changes each year to approximate the average current cost of one day in a hospital. In 1978, the HI deductible for each benefit period was $144. A benefit period starts with the first day of hospitalization and ends when a person has not been a bed patient in a hospital or skilled nursing facility (SNF) for 60 consecutive days. There is no limit on the number of benefit periods an enrollee may have. The HI program pays for part of the costs of inpatient hospital care and related health services provided by SNFs and home health agencies (HHAs) following a period of hospitalization.[2]

Under the Supplementary Medical Insurance (SMI) program (Part B), the deductible since 1973, has been the first $60 of covered charges incurred during each calendar year. The SMI program covers a variety of medical services and supplies furnished by physicians or others in connection with physicians' services, outpatient services,[3] and HHA services.

In this *Note,* persons who exceeded the applicable deductibles are referred to as "persons served". Persons who used no services or who used services but did not exceed the deductibles are excluded from counts of persons shown. The denominators for the computation of rates are based on the applicable enrollment totals.

Table 1 shows the distribution of reimbursements for all, aged, and disabled enrollees by type of services for 1967, 1974, and 1978.

Table 2 shows data of: number of aged persons enrolled; aged persons served (persons who received reimbursement); persons served per 1,000 enrolled; and various measures of reimbursement for selected years from 1967-1978. Average annual rates of change are also provided. Table 3 shows similar data for the disabled enrollees for 1974 through 1978. Table 4 presents reimbursements per enrollee for all, aged, and disabled enrollees by region and type of service for 1978.

Table 5 shows enrollment for aged and disabled persons by type of coverage and area of residence for July 1, 1978. Tables 6 and 7 show number of persons served and reimbursement, respectively, for aged persons by type of service and State of residence for 1978. Tables 8 and 9 show comparable data for the disabled. Data from Table 5 may be used with Tables 6 through 9 to obtain the number of persons served per enrollee and the amount of reimbursement per enrollee by State and census division or region. Highlights of the data follow.

Distribution of Reimbursements, 1967-1978

All Medicare Enrollees

- Between 1967 and 1978 reimbursements for all enrollees increased from $4.2 billion to $24.1 billion at an average annual rate of 17.1 percent (Table 1).

This report is one of a series prepared in the Office of Research, Judith Lave, Director, to provide a description and analysis of the use and cost of the health care benefits furnished to the beneficiaries of the Medicare and Medicaid programs administered by the Health Care Financing Administration. This report was written under the administrative supervision of Allen Dobson, Director, Division of Beneficiary Studies. It was prepared in the Program Statistics Branch, Herbert A. Silverman, Chief. Computer services were provided by the Office of Systems and Data Management and statistical and software services by Charles Helbing, Vikki Latta, Cheryl Black and Betty Gunn. Data for this report were supplied by the Division of Data Production, Office of Statistics and Data Management. Computer services and file design were provided by Elsie Cullen and Wayne Kaczmarkiewicz.

[1]Health Care Financing Administration; Office of Research, Demonstrations, and Statistics; *Medicare: Health Insurance for the Aged and Disabled, Summary, 1976-1978* (in preparation).

[2]The Omnibus Reconciliation Act of 1980 (P.L. 96-499) eliminated the 3-day prior hospitalization requirement for HHA services under HI and the SMI deductible for HHA services under Part B.

[3]Outpatient benefits include services furnished by hospital outpatient departments, dialyses furnished by freestanding dialysis facilities, and community health centers.

- HI reimbursements increased from $3.0 billion to $17.0 billion (an average of 17.2 percent annually) in the same period, and accounted for 70 percent of all reimbursements in both 1967 and 1978.
  - Reimbursements for inpatient hospital services were $2.7 billion in 1967 and increased to $16.3 billion in 1978 (an average of 17.9 percent annually). In 1978, inpatient reimbursements accounted for 67.9 percent of all reimbursements compared to 62.7 percent in 1967.
  - Although reimbursements for SNF services increased from $274 million in 1967 to $305 million in 1978 (an average of 1.0 percent annually), they fell from 6.5 percent of total reimbursements in 1967 to 1.3 percent in 1978 because Medicare regulations issued in 1969 curbed the use of SNFs by patients who did not need skilled nursing or skilled rehabilitation services on a daily basis.
  - Reimbursements for HHA services under the HI and SMI program increased considerably from $43 million to $435 million (an average of 23.4 percent annually) between 1967 and 1978. However, HHA services still represented only 1.8 percent of all Medicare reimbursements in 1978.
- The proportion of SMI reimbursements to total Medicare reimbursements has been stable: 30.0 percent in 1967, and 29.5 percent in 1978. However, reimbursements rose from $1.3 billion to $7.1 billion, an average annual increase of 16.9 percent.
  - Physician and other medical services decreased as a proportion of total Medicare reimbursements, from 28.9 percent in 1967 to 23.7 percent in 1978. Reimbursements increased from $1.2 billion to $5.7 billion in the same period, an average annual increase of 15.0 percent.
  - Reimbursements for outpatient services grew from 0.9 percent of total reimbursements ($38 million) to 5.3 percent ($1.3 billion) for the same period, or an annual increase of 37.6 percent. This has been the fastest growing Medicare benefit.

Aged

- Although reimbursement to aged enrollees increased from $10.1 billion in 1974 to $21.1 billion in 1978, the proportion of total Medicare reimbursements accounted for by the aged decreased from 90.6 percent to 87.6 percent (Table 1).

Disabled

- Reimbursements to the disabled increased from $1.0 billion in 1974 to $3.0 billion in 1978. This increase raised reimbursements to the disabled from 9.4 percent to 12.4 percent of the total in the same period. Increased reimbursements for inpatient hospital, physician, and outpatient services contributed to the rise in the proportion of Medicare reimbursements to the disabled.
- Outpatient reimbursements were a large component of SMI reimbursements to the disabled ($480 million of $1,048 million in 1978) because of the frequent and costly renal dialysis services used by enrollees with end-stage renal disease.[4]

[4]Ruther, Martin, "Use of Hospital Outpatient Services, 1974-1978," *Health Care Financing Notes*, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics (1980).

Aged Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, 1967-1978

Enrollment

- Enrollment of aged persons under HI, SMI, or both, increased from 19.5 million to 24.4 million between 1967 and 1978, an average annual rate of increase of 2.0 percent (Table 2).

Persons Served

- Aged persons served increased from 7.2 million in 1967 to 14.5 million in 1978. The rate for persons served increased an average of 6.6 percent per year.
- Persons served per 1,000 enrolled increased at an average annual rate of 4.5 percent between 1967 (367 per 1,000) and 1978 (594 per 1,000).
- Persons served per 1,000 enrolled using HI services increased at an average annual rate of 1.2 percent (from 203 per 1,000 in 1967 to 232 per 1,000 in 1978), and 4.8 percent for SMI services in the same period (365 to 609 per 1,000).
- The highest average annual increases in persons served per 1,000 were 11.4 percent for home health services under HI (7 to 23 per 1,000), and 9.6 percent for outpatient services (84 to 231 per 1,000).

Reimbursement

- Reimbursements to the aged increased at an average annual rate of 15.7 percent, from $4.2 billion in 1967 to $21.1 billion in 1978.
- The highest annual rate of increase was for outpatient reimbursements, 31.9 percent, or from $38 million to $798 million between 1967 and 1978.
- Total reimbursements per aged person served increased from $592 to $1,456 in the same period, an average annual rate of 8.5 percent.
- Reimbursement per person served for inpatient hospital services increased at an average rate of 12.2 percent between 1967 and 1978 ($738 to $2,621); reimbursement per person served by physician and other medical services rose during the same period at a rate of 6.2 percent ($191 to $371).
- Reimbursement per aged enrollee, the product of the proportion of enrollees reimbursed (presented here as persons served per 1,000 enrolled) and reimbursement per person served, increased at a rate of 13.4 percent from $217 in 1967 to $864 in 1978.
- The highest average annual rate of change (29.4 percent) in reimbursements per enrollee was for outpatient services, from $2 to $34 in the same period.

TABLE 1

Reimbursements to All Medicare Enrollees by Type of Service, 1967, 1974, and 1978 (in millions of dollars)

Type of Service	Amounts Reimbursed			Percent Distribution			Annual Average Rate of Change
	1967	1974	1978	1967	1974	1978	1967-1978
	All Enrollees						
All Services (HI and/or SMI)	$4,239	$11,179	$24,056	100.0	100.0	100.0	17.1
Hospital Insurance	2,967	8,000	16,957	70.0	71.6	70.5	17.2
Inpatient Hospital	2,659	7,680	16,336	62.7	68.7	67.9	17.9
Skilled Nursing Facility	274	224	305	6.5	2.0	1.3	1.0
Home Health Agency	26	96	317	.6	.9	1.3	25.5
Supplementary Medical Insurance	1,272	3,179	7,098	30.0	28.4	29.5	16.9
Physician and Other Medical	1,224	2,740	5,702	28.9	24.5	23.7	15.0
Outpatient	38	397	1,278	.9	3.6	5.3	37.6
Home Health Agency	17	40	118	.4	.4	.5	19.3
	Aged						
All Services (HI and/or SMI)	$4,239	$10,130	$21,063	100.0	90.6	87.6	15.7
Hospital Insurance	2,967	7,306	15,012	70.0	65.4	62.4	15.9
Inpatient Hospital	2,659	6,999	14,427	62.7	62.6	60.0	16.6
Skilled Nursing Facility	274	217	293	6.5	1.9	1.2	.6
Home Health Agency	26	90	293	.6	.8	1.2	24.6
Supplementary Medical Insurance	1,272	2,824	6,050	30.0	25.3	25.1	15.2
Physician and Other Medical	1,224	2,534	5,145	28.9	22.7	21.4	13.9
Outpatient	38	252	798	.9	2.3	3.3	31.9
Home Health Agency	17	37	107	.4	.3	.4	18.2
	Disabled						1974-1978
All Services (HI and/or SMI)	N/A	$1,049	$2,993	N/A	9.4	12.4	30.0
Hospital Insurance	N/A	694	1,945	N/A	6.2	8.1	29.4
Inpatient Hospital	N/A	681	1,909	N/A	6.1	7.9	29.4
Skilled Nursing Facility	N/A	7	12	N/A	.1	[1]	14.4
Home Health Agency	N/A	6	24	N/A	.1	.1	41.4
Supplementary Medical Insurance	N/A	355	1,048	N/A	3.2	4.4	31.1
Physician and Other Medical	N/A	206	557	N/A	1.8	2.3	28.2
Outpatient	N/A	145	480	N/A	1.3	2.0	34.9
Home Health Agency	N/A	3	11	N/A	[1]	[1]	38.4

N/A — Not Applicable
[1]Less than 0.05 percent

TABLE 2

Aged Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, Selected Years, 1967-1978[1]

Type of Coverage or Type of Service Reimbursed	1967	1971	1975	1977	1978	Average Annual Rate of Change 1967-78	Average Annual Rate of Change 1977-78
	Persons Enrolled (in thousands)						
Hospital Insurance and/or Supplementary Medical Insurance	19,521	20,915	22,790	23,838	24,371	2.0	2.2
Hospital Insurance	19,494	20,742	22,472	23,475	23,984	1.9	2.2
Supplementary Medical Insurance	17,893	19,975	21,945	22,991	23,531	2.5	2.3
	Persons Served (in thousands)						
Hospital Insurance and/or Supplementary Medical Insurance	7,154	9,425	12,032	13,584	14,464	6.6	6.5
Hospital Insurance	3,960	4,416	4,963	5,410	5,569	3.1	2.9
Inpatient Hospital	3,601	4,386	4,913	5,351	5,505	3.9	2.9
Skilled Nursing Facility	354	239	260	283	267	-2.5	-5.7
Home Health Agency	126	167	329	481	540	14.1	12.3
Supplementary Medical Insurance	6,523	9,075	11,762	13,348	14,279	7.4	7.0
Physician and Other Medical	6,415	8,801	11,396	12,907	13,862	7.3	7.4
Outpatient	1,511	2,171	3,768	4,911	5,432	12.3	10.6
Home Health Agency	118	83	161	224	245	6.9	9.4
	Persons Served Per 1,000 Enrolled						
Hospital Insurance and/or Supplementary Medical Insurance	367	451	528	570	594	4.5	4.2
Hospital Insurance	203	213	221	231	232	1.2	.4
Inpatient Hospital	185	212	219	228	230	2.0	.9
Skilled Nursing Facility	18	12	12	12	11	-4.4	-8.3
Home Health Agency	7	8	15	21	23	11.4	9.5
Supplementary Medical Insurance	365	454	536	581	609	4.8	4.8
Physician and Other Medical	359	441	519	561	589	4.6	5.0
Outpatient	84	109	172	214	231	9.6	7.9
Home Health Agency	7	4	7	10	10	3.3	—
	Reimbursement Amount (in millions)						
Hospital Insurance and/or Supplementary Medical Insurance	$4,239	$7,349	$12,689	$18,098	$21,063	15.7	16.4
Hospital Insurance	2,967	5,364	9,209	13,179	15,012	15.9	13.9
Inpatient Hospital	2,659	5,156	8,840	12,641	14,427	16.6	14.1
Skilled Nursing Facility	274	166	233	293	293	.6	—
Home Health Agency	26	42	136	245	293	24.6	19.6
Supplementary Medical Insurance	1,272	1,986	3,481	4,919	6,050	15.2	23.0
Physician and Other Medical	1,224	1,848	3,050	4,177	5,145	13.9	23.2
Outpatient	38	125	374	649	798	31.9	23.0
Home Health Agency	17	13	56	92	107	18.2	16.3

[1]Persons enrolled are as of July 1. Persons served and amounts reimbursed are calendar year data.

(continued)

TABLE 2 (Cont'd)

Aged Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, Selected Years, 1967-1978[1]

Type of Coverage or Type of Service Reimbursed	1967	1971	1975	1977	1978	Average Annual Rate of Change 1967-78	Average Annual Rate of Change 1977-78
	Reimbursement Per Person Served						
Hospital Insurance and/or Supplementary Medical Insurance	$592	$780	$1,055	$1,332	$1,456	8.5	9.3
Hospital Insurance	749	1,215	1,855	2,436	2,695	12.3	10.6
Inpatient Hospital	738	1,176	1,799	2,363	2,621	12.2	10.9
Skilled Nursing Facility	774	694	896	1,037	1,095	3.2	5.6
Home Health Agency	204	251	413	510	542	9.3	6.3
Supplementary Medical Insurance	195	219	296	369	424	7.3	14.9
Physician and Other Medical	191	210	268	324	371	6.2	14.5
Outpatient	25	57	99	132	147	17.5	11.4
Home Health Agency	145	161	347	411	437	10.5	6.3
	Reimbursement Per Enrollee						
Hospital Insurance and/or Supplementary Medical Insurance	$217	$352	$557	$759	$864	13.4	13.8
Hospital Insurance	152	259	410	563	626	13.7	11.2
Inpatient Hospital	137	249	394	539	602	14.4	11.7
Skilled Nursing Facility	14	8	11	12	12	-1.4	—
Home Health Agency	1	2	6	11	12	25.3	9.1
Supplementary Medical Insurance	71	99	159	214	257	12.4	20.1
Physician and Other Medical	69	93	139	182	219	11.1	20.3
Outpatient	2	6	17	28	34	29.4	21.4
Home Health Agency	1	1	2	4	5	15.8	25.0

TABLE 3

Disabled Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, 1975-1978[1]

Type of Coverage or Type of Service Reimbursed	1974	1975	1976	1977	1978	Average Annual Rate of Change 1974-78	Average Annual Rate of Change 1977-78
	Persons Enrolled (in thousands)						
Hospital Insurance	1,928	2,168	2,392	2,619	2,793	9.7	6.6
Supplementary Medical Insurance	1,745	1,959	2,168	2,373	2,543	9.9	7.2
	Persons Served (in thousands)						
Hospital Insurance and/or Supplementary Medical Insurance	792	975	1,158	1,321	1,472	16.8	11.4
Hospital Insurance	400	475	545	600	652	13.0	8.7
Inpatient Hospital	397	472	541	595	647	13.0	8.7
Skilled Nursing Facility	8	8	9	10	9	3.0	-10.0
Home Health Agency	15	22	28	34	39	27.0	14.7
Supplementary Medical Insurance	740	924	1,108	1,270	1,421	17.7	11.9
Physician and Other Medical	691	865	1,036	1,189	1,320	17.6	11.0
Outpatient	296	399	516	617	723	25.0	17.2
Home Health Agency	9	13	16	19	21	23.6	10.5
	Persons Served Per 1,000 Enrolled						
Hospital Insurance and/or Supplementary Medical Insurance	411	450	484	520	527	6.4	1.3
Hospital Insurance	208	219	228	229	234	3.0	2.2
Inpatient Hospital	206	218	226	227	232	3.0	2.2
Skilled Nursing Facility	4	4	4	4	3	-6.9	-25.0
Home Health Agency	8	10	12	13	14	15.0	7.7
Supplementary Medical Insurance	424	471	511	535	559	7.2	4.5
Physician and Other Medical	396	442	478	501	519	7.0	3.6
Outpatient	170	204	238	260	285	13.8	9.6
Home Health Agency	5	7	7	8	8	12.5	—
	Reimbursement Amount (in millions)						
Hospital Insurance and/or Supplementary Medical Insurance	$1,049	$1,509	$2,018	$2,495	$2,993	30.0	20.0
Hospital Insurance	694	987	1,312	1,613	1,945	29.4	20.6
Inpatient Hospital	681	968	1,286	1,582	1,909	29.4	20.7
Skilled Nursing Facility	7	9	11	12	12	14.4	—
Home Health Agency	6	10	15	19	24	41.4	26.3
Supplementary Medical Insurance	355	522	705	882	1,048	31.1	18.8
Physician and Other Medical	206	295	389	481	557	28.2	15.8
Outpatient	145	221	309	392	480	34.9	22.4
Home Health Agency	3	5	7	9	11	38.4	22.2

[1]Persons enrolled are as of July 1. Persons served and amounts reimbursed are calendar year data.

(continued)

TABLE 3 (Cont'd)

Disabled Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, 1975-1978[1]

Type of Coverage or Type of Service Reimbursed	1974	1975	1976	1977	1978	Average Annual Rate of Change 1974-78	Average Annual Rate of Change 1977-78
	Reimbursement Per Person Served						
Hospital Insurance and/or Supplementary Medical Insurance	$1,324	$1,548	$1,742	$1,889	$2,033	11.3	7.6
Hospital Insurance	1,735	2,077	2,408	2,688	2,982	14.5	10.9
Inpatient Hospital	1,714	2,051	2,378	2,658	2,952	14.6	11.1
Skilled Nursing Facility	936	1,049	1,149	1,225	1,310	8.8	6.9
Home Health Agency	399	478	549	572	612	11.3	7.0
Supplementary Medical Insurance	479	565	637	695	737	11.4	6.0
Physician and Other Medical	298	341	376	405	421	9.0	4.0
Outpatient	490	554	599	635	664	7.9	4.6
Home Health Agency	345	420	467	496	520	10.8	4.8
	Reimbursement Per Enrollee						
Hospital Insurance and/or Supplementary Medical Insurance	$544	$696	$843	$981	$1,071	18.5	9.2
Hospital Insurance	360	455	549	616	696	17.9	13.0
Inpatient Hospital	353	446	538	604	683	17.9	13.1
Skilled Nursing Facility	4	4	4	4	4	—	—
Home Health Agency	3	5	6	7	9	31.6	28.6
Supplementary Medical Insurance	208	266	325	372	412	19.4	10.8
Physician and Other Medical	118	151	180	203	219	16.7	7.9
Outpatient	83	113	143	165	189	22.8	14.5
Home Health Agency	2	3	3	4	4	18.9	—

TABLE 4

Reimbursement Per Enrollee by Type of Enrollee, Type of Service, and Region, 1978

Type of Service	United States	Northeast	North Central	South	West
			All Enrollees		
All Services (HI and/or SMI)	$900.43	$993.44	$910.06	$778.25	$995.68
Hospital Insurance	644.29	708.55	688.99	549.15	669.05
Inpatient Hospital	620.92	679.31	667.57	530.29	641.85
Skilled Nursing Facility	11.59	13.12	12.71	7.85	15.21
Home Health Agency	11.78	16.12	8.71	11.01	11.98
Supplementary Medical Insurance	273.26	301.55	233.95	247.84	346.37
Physician and Other Medical	219.62	236.18	189.22	203.01	278.22
Outpatient	49.24	60.57	41.39	39.61	64.17
Home Health Agency	4.41	4.81	3.34	5.10	3.98
			Aged		
All Services (HI and/or SMI)	$877.70	$971.77	$884.12	$759.93	$963.50
Hospital Insurance	636.02	701.92	676.15	543.16	656.36
Inpatient Hospital	611.49	671.55	653.99	523.11	627.77
Skilled Nursing Facility	12.41	13.96	13.36	8.50	16.23
Home Health Agency	12.12	16.41	8.80	11.55	12.36
Supplementary Medical Insurance	258.02	285.41	219.73	235.19	325.96
Physician and Other Medical	219.51	236.73	187.96	204.24	276.54
Outpatient	34.10	43.94	28.60	25.61	45.27
Home Health Agency	4.41	4.75	3.18	5.34	4.16
			Disabled		
All Services (HI and/or SMI)	$1,100.89	$1,204.36	$1,169.78	$918.49	$1,273.52
Hospital Insurance	716.19	772.19	816.20	593.44	776.81
Inpatient Hospital	703.25	753.77	803.74	583.50	763.68
Skilled Nursing Facility	4.44	5.03	6.23	2.98	6.57
Home Health Agency	8.50	13.40	7.79	6.96	8.75
Supplementary Medical Insurance	414.97	468.24	382.80	348.61	532.86
Physician and Other Medical	220.63	230.49	202.36	194.03	293.43
Outpatient	189.96	234.12	177.07	151.39	234.74
Home Health Agency	3.98	5.44	3.37	4.26	4.70

TABLE 5

Aged and Disabled Persons Enrolled for Health Insurance by Type of Coverage, Census Region and Division, and State of Residence, July 1, 1978 1/

Area of Residence	Aged			Disabled	
	Hospital and/or Supplementary Insurance	Hospital Insurance	Supplementary Medical Insurance	Hospital Insurance	Supplementary Medical Insurance
All Areas	24,370,986	23,984,057	23,530,893	2,793,206	2,543,192
United States 2/	23,908,504	23,522,710	23,342,759	2,705,939	2,511,231
Northeast	5,810,360	5,730,399	5,689,810	596,909	551,183
North Central	6,429,138	6,360,929	6,293,878	641,994	592,508
South	7,702,445	7,529,816	7,495,663	1,005,507	937,672
West	3,944,557	3,881,893	3,843,571	457,178	426,004
New England	1,451,626	1,433,814	1,423,330	133,395	121,121
Connecticut	344,406	341,004	338,778	29,999	27,219
Maine	137,468	135,753	135,001	14,960	13,963
Massachusetts	694,554	684,768	680,204	61,118	55,629
New Hampshire	98,386	97,682	95,827	8,690	7,662
Rhode Island	120,229	118,695	117,935	12,707	11,182
Vermont	56,583	55,912	55,585	5,921	5,466
Middle Atlantic	4,358,734	4,296,585	4,266,480	463,514	430,062
New Jersey	815,349	805,011	802,234	86,651	81,511
New York	2,089,419	2,053,432	2,043,363	221,401	204,293
Pennsylvania	1,453,966	1,438,142	1,420,883	155,462	144,258
East North Central	4,296,831	4,248,283	4,204,599	469,200	432,928
Illinois	1,201,372	1,185,735	1,174,077	109,754	101,535
Indiana	558,167	554,992	545,756	60,586	55,755
Michigan	874,126	865,462	859,278	115,845	107,070
Ohio	1,117,861	1,100,858	1,087,612	135,017	123,794
Wisconsin	545,305	541,236	537,876	47,998	44,774
West North Central	2,132,307	2,112,646	2,089,279	172,794	159,580
Iowa	378,891	376,420	372,547	28,663	26,505
Kansas	296,732	294,230	290,583	20,824	19,162
Minnesota	463,836	459,854	456,262	33,834	31,608
Missouri	623,494	615,964	608,339	63,805	59,186
Nebraska	201,123	199,684	197,260	13,225	11,865
North Dakota	78,957	78,106	77,207	5,677	5,140
South Dakota	89,274	88,388	87,081	6,766	6,114
South Atlantic	3,898,110	3,812,550	3,796,482	501,536	467,650
Delaware	55,754	55,220	54,506	6,521	5,884
District of Columbia	70,175	65,995	64,891	8,026	7,360
Florida	1,447,337	1,418,305	1,420,230	130,546	121,106
Georgia	469,583	455,586	457,735	81,900	77,595
Maryland	360,675	353,235	347,514	37,988	34,566
North Carolina	548,037	537,460	535,533	84,810	79,596
South Carolina	259,116	252,055	250,727	46,902	43,974
Virginia	462,140	453,380	445,108	62,535	57,724
West Virginia	225,293	221,314	220,238	42,308	39,845
East South Central	1,545,606	1,504,670	1,507,505	231,164	218,116
Alabama	407,785	395,844	396,754	59,194	55,981
Kentucky	388,714	379,391	380,509	57,882	54,186
Mississippi	270,644	261,955	262,101	42,999	40,660
Tennessee	478,463	467,480	468,141	71,089	67,289
West South Central	2,258,729	2,212,596	2,191,676	272,807	251,906
Arkansas	290,365	283,872	283,475	42,836	39,937
Louisiana	366,402	361,050	342,542	59,307	53,221
Oklahoma	350,833	343,353	341,032	39,356	36,301
Texas	1,251,129	1,224,321	1,224,627	131,308	122,447
Mountain	962,404	950,173	932,157	103,917	94,722
Arizona	263,563	260,515	255,863	30,008	27,316
Colorado	231,546	227,939	224,763	22,576	20,403
Idaho	87,982	87,386	85,735	9,033	8,283
Montana	81,473	80,711	79,485	8,519	7,933
Nevada	55,755	55,025	54,051	7,348	6,808
New Mexico	105,149	102,469	101,136	14,472	13,268
Utah	100,876	100,234	96,159	9,093	8,110
Wyoming	36,060	35,894	34,965	2,868	2,601
Pacific	2,982,153	2,931,720	2,911,414	353,261	331,282
Alaska	9,656	9,586	8,095	1,285	1,107
California	2,223,932	2,180,066	2,176,430	272,320	258,340
Hawaii	66,837	65,177	64,616	6,805	6,177
Oregon	282,216	281,215	272,754	30,746	27,051
Washington	399,512	395,676	389,519	42,105	38,607
Residence Unknown	22,004	19,673	19,837	4,351	3,864
Other Areas	251,075	250,011	149,382	75,924	29,754
Puerto Rico	244,364	243,719	143,920	75,259	29,181
All Other Areas	6,711	6,292	5,462	665	573
Foreign Countries	211,407	211,336	38,752	11,343	2,207

1/Based on data recorded in the Health Insurance master file on March 30, 1979.
2/Consiats of 50 States, District of Columbia, and Residence Unknown.

SYMBOLS
Quantity zero —
Figure left blank to avoid disclosures .

TABLE 6

Persons 65 Years and Over Served by Region, Division, and State, and Type of Service, 1978

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician And Other Medical Services	Outpatient Services	Home Health Services
All Areas.....	14,464,400	5,569,440	5,505,120	267,300	540,300	14,278,900	13,862,060	5,431,840	244,820
United States....	14,387,080	5,529,560	5,467,140	266,860	531,320	14,211,480	13,797,460	5,412,780	240,800
Northeast.....	3,707,380	1,254,360	1,233,120	60,960	185,620	3,671,540	3,525,880	1,610,300	71,780
North Central.....	3,655,080	1,581,780	1,567,120	77,380	115,820	3,606,080	3,494,580	1,390,400	49,680
South.....	4,463,120	1,853,620	1,836,900	61,800	142,020	4,409,100	4,306,040	1,452,720	82,360
West.....	2,559,900	839,500	829,700	66,700	87,860	2,523,180	2,469,440	958,960	36,940
New England.....	925,900	312,480	306,760	14,800	51,620	919,100	884,800	455,240	21,860
Connecticut.....	216,620	69,640	67,900	4,400	13,820	214,860	209,580	80,020	4,720
Maine.....	82,260	31,620	31,140	1,640	4,420	81,520	76,800	51,880	2,520
Massachusetts.....	443,600	153,400	150,960	4,500	23,980	440,560	419,980	234,880	9,440
New Hampshire.....	60,340	20,400	20,120	1,540	2,860	59,940	58,380	31,360	1,560
Rhode Island.....	88,720	25,060	24,580	2,180	3,880	88,180	86,880	38,780	1,960
Vermont.....	34,360	12,360	12,060	540	2,660	34,040	33,180	18,320	1,660
Middle Atlantic.....	2,781,480	941,880	926,360	46,160	134,000	2,752,440	2,641,080	1,155,060	49,920
New Jersey.....	521,540	174,160	171,540	8,800	27,620	518,120	504,340	187,380	8,900
New York.....	1,383,420	442,680	436,340	18,540	51,020	1,366,220	1,307,560	555,180	16,900
Pennsylvania.....	876,520	325,040	318,480	18,820	55,360	868,100	829,180	412,500	24,120
East North Central..	2,436,240	1,028,520	1,018,040	57,240	82,300	2,404,640	2,323,020	974,500	32,900
Illinois.....	639,560	298,200	294,420	16,080	26,360	628,600	593,000	258,820	10,360
Indiana.....	307,420	134,860	134,120	6,080	4,980	303,420	293,040	123,340	3,120
Michigan.....	562,280	204,520	202,520	13,720	18,080	558,960	546,180	253,700	6,460
Ohio.....	623,660	261,760	258,620	17,780	22,180	612,700	594,560	223,760	9,320
Wisconsin.....	303,320	129,180	128,360	3,580	10,700	300,960	296,240	114,880	3,640
West North Central..	1,218,840	553,260	549,080	20,140	33,520	1,201,440	1,171,560	415,900	16,780
Iowa.....	210,160	96,520	96,020	3,180	4,220	207,340	201,800	82,180	2,260
Kansas.....	188,420	83,140	82,880	2,180	2,580	186,160	183,060	66,180	1,200
Minnesota.....	274,420	115,940	115,320	4,100	5,320	271,120	265,940	96,240	1,700
Missouri.....	343,860	159,440	157,260	6,580	17,420	338,600	326,620	112,700	9,540
Nebraska.....	104,720	52,320	51,980	2,580	2,660	102,340	99,620	32,220	1,300
North Oakota.....	50,000	21,540	21,520	800	520	49,480	49,180	13,020	280
South Oakota.....	47,260	24,360	24,100	720	800	46,400	45,340	13,360	500
South Atlantic.....	2,334,460	880,440	871,820	37,200	79,120	2,312,660	2,254,960	831,840	42,760
Delaware.....	35,260	12,220	12,100	320	1,200	34,840	34,160	16,740	1,180
Oist. of Columbia..	46,380	12,820	12,580	340	2,080	45,680	42,300	17,140	1,180
Florida.....	958,280	329,440	326,240	17,740	42,860	952,720	942,600	274,780	17,860
Georgia.....	270,480	111,420	110,980	3,140	4,880	267,260	259,700	105,740	3,540
Maryland.....	217,380	73,980	73,040	3,200	7,020	215,060	205,320	92,440	3,940
North Carolina.....	291,680	124,060	122,580	6,220	7,340	288,120	278,560	116,440	6,560
South Carolina.....	138,520	56,880	56,120	2,400	5,480	136,500	132,240	52,800	3,240
Virginia.....	255,600	105,820	104,900	2,480	4,940	252,820	245,040	99,500	2,560
West Virginia.....	120,880	53,800	53,280	1,360	3,320	119,660	115,040	56,260	2,700
East South Central..	830,160	391,600	387,360	16,340	29,520	816,260	794,220	275,740	20,300
Alabama.....	234,900	105,300	104,060	6,560	8,700	231,540	226,260	74,360	5,200
Kentucky.....	192,660	95,940	95,020	5,300	4,820	187,780	180,800	66,740	3,020
Mississippi.....	148,820	70,860	70,060	500	7,540	146,340	143,260	50,420	6,400
Tennessee.....	253,780	119,500	118,220	3,980	8,460	250,600	243,900	84,220	5,680
West South Central..	1,298,500	581,580	577,720	8,260	33,380	1,280,180	1,256,860	345,140	19,300
Arkansas.....	168,680	77,260	76,980	520	1,920	166,600	164,900	47,620	1,140
Louisiana.....	192,800	94,160	93,280	1,440	9,440	186,460	179,360	57,880	4,260
Oklahoma.....	194,240	86,600	86,280	1,700	3,540	191,340	187,320	52,140	1,400
Texas.....	742,780	323,560	321,180	4,600	18,480	735,780	725,280	187,500	12,500
Mountain.....	577,040	217,260	215,220	11,520	19,160	570,060	553,580	221,100	8,480
Arizona.....	164,340	55,900	55,560	2,980	4,200	162,720	158,040	54,360	1,520
Colorado.....	146,820	57,120	56,640	2,720	5,740	145,060	140,620	58,980	2,560
Idaho.....	50,820	19,400	19,180	1,020	1,960	50,180	48,800	22,000	920
Montana.....	46,340	20,940	20,740	1,520	1,620	45,500	44,780	17,280	720
Nevada.....	32,860	12,720	12,440	1,140	940	32,520	31,580	13,120	300
New Mexico.....	60,760	22,860	22,660	400	2,780	60,000	58,040	24,800	1,160
Utah.....	57,020	19,840	19,580	1,700	1,280	56,200	54,400	22,860	1,000
Wyoming.....	18,080	8,480	8,420	*	640	17,880	17,320	7,700	300
Pacific.....	1,982,860	622,240	614,480	55,180	68,700	1,953,120	1,915,860	737,860	28,460
Alaska.....	5,520	2,200	2,200	-	80	5,280	5,020	2,440	60
California.....	1,514,720	462,320	456,820	42,020	52,600	1,493,440	1,464,100	577,280	20,880
Hawaii.....	43,380	12,160	11,980	1,300	1,320	42,320	41,780	17,120	800
Oregon.....	166,400	59,780	58,760	4,800	6,200	163,360	159,960	59,600	2,540
Washington.....	252,840	85,780	84,720	7,060	8,500	248,720	245,000	81,420	4,180
Residence Unknown...	1,600	300	300	*	-	1,580	1,520	400	*
Other Areas.....	73,680	38,480	36,600	400	8,880	64,160	61,480	17,960	4,000
Puerto Rico.....	71,960	37,580	35,700	400	8,820	62,640	60,160	17,220	4,000
All Other Areas....	1,720	900	900	-	60	1,520	1,320	740	-
Foreign Countries...	3,640	1,400	1,380	*	100	3,260	3,120	1,100	*

TABLE 7

Reimbursement for Persons 65 Years and Over by Region, Division, and State: Total Amount by Type of Service, 1978

(amounts in thousands)

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician And Other Medical Services	Outpatient Services	Home Health Services
All Areas.....	$21,062,566	$15,012,208	$14,426,776	$292,816	$292,617	$6,050,358	$5,145,084	$798,400	$106,874
United States....	20,984,708	14,961,352	14,383,912	292,411	285,029	6,023,357	5,123,771	796,378	103,208
Northeast.....	5,646,309	4,022,092	3,847,916	80,217	93,959	1,624,217	1,347,413	249,528	27,276
North Central.....	5,683,894	4,300,570	4,159,587	85,148	55,835	1,383,324	1,182,691	180,257	20,376
South.....	5,852,839	4,090,036	3,938,902	63,904	87,230	1,762,803	1,530,665	192,253	39,885
West.....	3,800,566	2,547,944	2,436,800	63,140	48,004	1,252,622	1,062,662	174,303	15,657
New England.....	1,385,772	1,014,088	974,162	17,828	22,098	371,684	297,240	66,802	7,642
Connecticut.....	305,051	216,653	206,314	3,098	7,241	88,399	74,969	11,426	2,004
Maine.....	108,331	80,755	76,697	2,343	1,715	27,576	21,014	5,806	756
Massachusetts.....	749,978	559,482	541,717	7,907	9,857	190,497	147,264	39,830	3,403
New Hampshire.....	67,564	49,067	46,329	2,034	704	18,497	15,333	2,830	333
Rhode Island.....	115,749	79,656	76,197	1,982	1,477	36,093	30,143	5,321	629
Vermont.....	39,098	28,476	26,907	465	1,104	10,623	8,517	1,589	517
Middle Atlantic.....	4,260,537	3,008,003	2,873,754	62,388	71,861	1,252,534	1,050,173	182,726	19,635
New Jersey.....	755,672	521,485	492,048	13,155	16,283	234,187	198,491	30,880	4,817
New York.....	2,207,131	1,547,467	1,489,528	27,793	30,146	659,665	555,301	97,007	7,357
Pennsylvania.....	1,297,733	939,052	892,177	21,441	25,433	358,682	296,382	54,840	7,461
East North Central..	3,934,491	2,978,647	2,877,142	60,907	40,598	955,844	812,100	129,739	14,005
Illinois.....	1,204,866	934,931	900,922	16,613	17,396	269,935	224,960	39,532	5,443
Indiana.....	425,192	322,040	315,269	5,034	1,737	103,151	87,318	14,778	1,056
Michigan.....	934,078	689,704	666,966	14,060	8,678	244,374	205,675	35,863	2,836
Ohio.....	929,846	701,483	671,463	21,486	8,535	228,363	197,009	27,861	3,493
Wisconsin.....	440,509	330,488	322,522	3,714	4,252	110,021	97,139	11,705	1,178
West North Central..	1,749,403	1,321,923	1,282,445	24,241	15,237	427,480	370,591	50,518	6,371
Iowa.....	278,804	211,446	206,591	3,784	1,070	67,358	58,685	8,237	436
Kansas.....	260,588	193,306	190,219	2,304	783	67,282	59,662	7,322	298
Minnesota.....	399,833	297,340	289,740	5,300	2,300	102,493	87,906	13,865	722
Missouri.....	532,121	407,393	388,554	9,141	9,698	124,728	105,822	14,466	4,440
Nebraska.....	152,284	116,034	112,278	2,745	1,011	36,250	32,190	3,711	349
North Oakota.....	63,730	48,355	47,601	579	174	15,375	13,939	1,407	29
South Oakota.....	62,043	48,049	47,461	388	200	13,994	12,386	1,510	98
South Atlantic.....	3,113,773	2,130,406	2,043,032	38,542	48,832	983,367	851,342	111,649	20,376
Oelaware.....	50,464	37,221	36,435	253	533	13,243	10,707	2,242	294
Oist. of Columbia..	79,275	52,305	50,986	396	923	26,969	20,547	5,929	493
Florida.....	1,351,223	869,310	820,726	18,309	30,275	481,913	432,620	39,809	9,484
Georgia.....	312,417	213,206	207,307	2,679	3,220	99,212	82,345	14,592	2,274
Maryland.....	349,489	252,168	245,772	3,394	3,002	97,320	82,380	13,249	1,692
North Carolina.....	344,760	253,218	243,096	6,434	3,689	91,541	77,215	11,590	2,737
South Carolina.....	145,223	105,647	100,453	1,938	3,256	39,576	32,978	5,049	1,550
Virginia.....	341,084	243,579	237,800	3,338	2,441	97,505	82,083	14,377	1,045
West Virginia.....	139,839	103,752	100,458	1,800	1,494	36,087	30,468	4,812	808
East South Central..	1,024,643	751,246	720,636	13,881	16,729	273,398	231,635	32,185	9,577
Alabama.....	291,591	211,750	203,126	3,662	4,963	79,841	68,929	8,435	2,478
Kentucky.....	244,070	184,139	177,284	4,808	2,048	59,931	51,522	7,145	1,263
Mississippi.....	171,086	122,549	117,214	613	4,722	48,537	38,649	6,355	3,533
Tennessee.....	317,896	232,807	223,013	4,799	4,996	85,089	72,535	10,251	2,303
West South Central..	1,714,423	1,208,385	1,175,234	11,481	21,670	506,038	447,688	48,419	9,932
Arkansas.....	191,556	132,989	131,469	661	860	58,566	53,594	4,577	395
Louisiana.....	255,378	187,964	179,762	1,427	6,775	67,414	58,227	6,979	2,208
Oklahoma.....	263,981	194,039	189,900	2,877	1,262	69,942	61,710	7,770	462
Texas.....	1,003,508	693,392	674,103	6,516	12,774	310,116	274,157	29,092	6,867
Mountain.....	759,380	523,731	504,340	10,674	8,717	235,649	201,031	31,629	2,989
Arizona.....	226,150	149,638	144,455	3,357	1,826	76,512	67,586	8,420	506
Colorado.....	196,337	140,460	134,799	2,203	3,459	55,876	45,878	8,954	1,044
Idaho.....	54,948	38,629	37,293	542	794	16,319	13,461	2,613	245
Montana.....	62,540	44,800	43,349	1,026	425	17,740	15,455	2,095	190
Nevada.....	54,088	36,583	34,837	1,307	439	17,505	14,663	2,646	196
New Mexico.....	79,510	53,497	52,035	410	1,052	26,013	21,864	3,750	399
Utah.....	62,629	43,121	40,912	1,768	441	19,507	16,759	2,447	301
Wyoming.....	23,178	17,002	16,661	*	281	6,176	5,366	704	107
Pacific.....	3,041,187	2,024,213	1,932,460	52,466	39,287	1,016,973	861,631	142,674	12,668
Alaska.....	12,630	9,252	9,198	-	55	3,377	2,794	549	35
California.....	2,448,880	1,607,468	1,534,895	41,256	31,316	841,412	709,468	122,541	9,403
Hawaii.....	55,494	36,773	33,819	2,288	666	18,720	15,749	2,676	296
Oregon.....	221,367	158,975	151,222	4,429	3,324	62,392	53,095	7,938	1,359
Washington.....	302,817	211,745	203,326	4,493	3,926	91,072	80,525	8,971	1,576
Residence Unknown...	1,100	710	707	*	-	390	340	38	*
Other Areas.....	72,529	46,701	38,743	390	7,569	25,828	20,264	1,899	3,665
Puerto Rico.....	69,751	44,808	36,895	390	7,522	24,944	19,648	1,631	3,665
All Other Areas....	2,777	1,893	1,847	-	46	884	616	268	-
Foreign Countries...	5,329	4,156	4,121	*	20	1,174	1,049	123	*

TABLE 8

Disability Beneficiaries Served by Region, Division, and State, and Type of Service, 1978

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician And Other Medical Services	Outpatient Services	Home Health Services
All Areas.....	1,472,110	652,259	646,652	9,177	39,491	1,421,264	1,320,337	723,459	20,831
United States....	1,461,542	646,668	641,328	9,145	38,679	1,412,565	1,312,217	720,791	20,445
Northeast.....	339,775	134,407	132,811	1,883	12,632	328,678	297,317	183,318	5,844
North Central.....	340,723	161,572	160,342	2,608	8,391	327,466	304,892	164,625	4,255
South.....	501,460	247,796	246,095	2,334	11,068	483,026	452,409	226,651	7,100
West.....	278,862	102,633	101,826	2,320	6,575	272,706	257,014	145,724	3,229
New England.....	73,197	29,835	29,386	560	3,413	70,874	64,239	44,379	1,626
Connecticut.....	17,097	7,040	6,932	157	933	16,487	15,278	9,158	377
Maine.....	8,460	3,652	3,616	68	355	8,242	7,393	5,972	223
Massachusetts.....	32,668	13,102	12,913	172	1,405	31,679	28,109	20,652	638
New Hampshire.....	4,406	1,978	1,947	47	212	4,225	3,872	2,629	116
Rhode Island.....	7,241	2,645	2,582	91	328	7,037	6,601	4,034	163
Vermont.....	3,325	1,418	1,396	25	180	3,204	2,986	1,934	109
Middle Atlantic.....	266,578	104,572	103,425	1,323	9,219	257,804	233,078	138,939	4,218
New Jersey.....	50,860	20,913	20,720	220	2,021	49,596	45,174	26,150	870
New York.....	133,001	46,780	46,292	543	3,591	128,427	115,195	67,529	1,574
Pennsylvania.....	82,717	36,879	36,413	560	3,607	79,781	72,709	45,260	1,774
East North Central..	252,852	116,420	115,480	2,034	6,357	243,643	226,658	124,550	3,050
Illinois.....	56,021	28,810	28,540	458	1,601	53,061	48,232	26,974	871
Indiana.....	29,988	15,297	15,238	226	412	28,529	25,727	15,390	278
Michigan.....	67,465	27,991	27,738	607	1,783	65,857	62,273	35,344	655
Ohio.....	71,792	32,472	32,173	658	1,967	69,176	64,283	33,750	941
Wisconsin.....	27,586	11,850	11,791	85	594	27,020	26,143	13,092	305
West North Central..	87,871	45,152	44,862	574	2,034	83,823	78,234	40,075	1,205
Iowa.....	14,449	7,542	7,514	111	292	13,826	13,008	7,136	171
Kansas.....	11,781	5,905	5,882	60	166	11,412	10,979	5,317	120
Minnesota.....	18,279	8,557	8,525	135	296	17,487	16,206	8,587	157
Missouri.....	31,372	16,619	16,446	176	1,062	29,822	27,333	14,143	643
Nebraska.....	6,473	3,489	3,462	61	150	6,086	5,775	2,906	75
North Dakota.....	2,849	1,471	1,468	16	40	2,695	2,605	1,006	22
South Dakota.....	2,668	1,569	1,565	15	28	2,495	2,328	980	17
South Atlantic.....	261,814	123,103	122,211	1,335	6,061	253,194	235,560	128,782	3,813
Delaware.....	3,464	1,446	1,431	11	102	3,350	3,142	2,051	101
Dist. of Columbia..	4,208	1,661	1,629	11	177	4,053	3,266	2,474	93
Florida.....	72,615	32,670	32,393	429	2,335	70,802	67,582	30,369	1,147
Georgia.....	44,035	21,417	21,339	129	568	42,599	39,768	22,511	447
Maryland.....	20,315	8,699	8,585	78	665	19,709	17,497	11,884	400
North Carolina.....	43,601	21,535	21,347	288	828	41,870	39,297	21,762	764
South Carolina.....	22,781	11,100	11,007	138	644	21,838	20,215	10,652	374
Virginia.....	31,771	15,354	15,289	199	478	30,663	27,785	17,099	310
West Virginia.....	19,024	9,221	9,191	52	264	18,310	17,008	9,980	177
East South Central..	111,295	59,011	58,572	609	2,602	106,689	100,088	47,825	1,676
Alabama.....	31,005	16,321	16,217	251	688	30,092	28,908	12,265	402
Kentucky.....	23,885	13,187	13,082	197	549	22,354	20,397	10,819	330
Mississippi.....	20,364	10,965	10,861	24	664	19,518	18,456	8,581	438
Tennessee.....	36,041	18,538	18,412	137	701	34,725	32,327	16,160	506
West South Central..	128,351	65,682	65,312	390	2,405	123,143	116,761	50,044	1,611
Arkansas.....	20,316	10,338	10,313	30	153	19,667	18,973	7,526	111
Louisiana.....	24,314	13,085	12,990	67	652	22,550	20,482	9,885	319
Oklahoma.....	18,129	9,574	9,549	59	199	17,330	16,442	6,853	89
Texas.....	65,592	32,685	32,460	234	1,401	63,596	60,864	25,780	1,092
Mountain.....	54,502	23,824	23,632	377	1,370	52,788	48,587	27,759	788
Arizona.....	15,933	6,643	6,608	95	319	15,523	14,147	7,556	149
Colorado.....	12,852	5,806	5,761	90	403	12,418	11,184	6,966	233
Idaho.....	4,681	2,013	1,982	20	143	4,519	4,287	2,327	81
Montana.....	4,223	2,073	2,058	50	101	4,033	3,782	1,998	67
Nevada.....	4,244	1,873	1,864	45	83	4,158	3,906	2,204	45
New Mexico.....	6,691	2,849	2,820	10	202	6,462	6,008	3,566	122
Utah.....	4,562	1,900	1,882	61	75	4,415	4,107	2,478	53
Wyoming.....	1,316	667	657	6	44	1,260	1,166	664	38
Pacific.....	224,360	78,809	78,194	1,943	5,205	219,918	208,427	117,965	2,441
Alaska.....	568	261	261	-	11	532	492	309	6
California.....	181,428	61,865	61,385	1,545	4,135	178,484	168,900	97,527	1,863
Hawaii.....	3,928	1,339	1,324	45	127	3,825	3,664	2,044	61
Oregon.....	15,890	6,404	6,355	154	434	15,313	14,514	7,799	218
Washington.....	22,546	8,940	8,869	199	498	21,764	20,857	10,286	293
Residence Unknown...	722	260	254	-	13	689	585	473	17
Other Areas.....	10,266	5,446	5,179	30	808	8,442	7,894	2,537	385
Puerto Rico.....	10,099	5,355	5,088	29	807	8,307	7,791	2,453	385
All Other Areas....	167	91	91	*	*	135	103	84	-
Foreign Countries...	302	145	145	*	4	257	226	131	*

TABLE 9

Reimbursement for Disability Beneficiaries by Region, Division, and State: Total Amount by Type of Service, 1978

(amounts in thousands)

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician And Other Medical Services	Outpatient Services	Home Health Services
All Areas.....	$2,992,823	$1,945,063	$1,908,889	$12,023	$24,152	$1,047,760	$556,510	$480,427	$10,823
United States....	2,979,472	1,937,965	1,902,501	11,985	23,479	1,041,508	554,000	477,017	10,490
Northeast.....	718,873	460,688	449,936	2,902	7,851	258,184	126,554	128,550	3,080
North Central.....	751,237	523,957	515,712	3,539	4,706	227,280	119,824	105,232	2,224
South.....	923,797	596,787	587,083	2,709	6,994	327,010	181,710	141,749	3,551
West.....	582,053	355,394	348,641	2,834	3,918	226,659	125,395	99,637	1,628
New England.....	161,562	106,617	103,982	852	1,783	54,945	24,518	29,641	785
Connecticut.....	39,312	24,620	23,980	113	526	14,692	6,632	7,874	187
Maine.....	14,012	9,864	9,590	116	159	4,147	2,138	1,917	92
Massachusetts.....	79,652	53,205	51,991	452	762	26,447	11,066	15,042	339
New Hampshire.....	8,639	5,908	5,748	76	84	2,731	1,364	1,327	39
Rhode Island.....	14,416	9,117	8,872	76	170	5,299	2,359	2,853	86
Vermont.....	5,532	3,903	3,802	19	82	1,629	960	627	42
Middle Atlantic.....	557,311	354,071	345,953	2,050	6,068	203,239	102,036	98,908	2,295
New Jersey.....	112,092	68,377	66,494	368	1,515	43,715	22,217	20,884	613
New York.....	270,306	169,676	166,014	966	2,696	100,630	48,395	51,239	996
Pennsylvania.....	174,913	116,018	113,445	716	1,857	58,895	31,424	26,785	687
East North Central..	568,704	394,272	388,007	2,657	3,609	174,432	90,382	82,409	1,641
Illinois.....	155,422	103,783	101,953	613	1,217	51,639	20,364	30,705	569
Indiana.....	61,773	43,578	43,164	230	185	18,194	9,642	8,424	128
Michigan.....	155,860	109,983	108,258	721	1,003	45,877	26,282	19,190	405
Ohio.....	141,069	99,041	97,147	1,013	881	42,028	24,268	17,360	401
Wisconsin.....	54,581	37,888	37,484	81	323	16,693	9,825	6,730	138
West North Central..	182,533	129,685	127,705	882	1,097	52,848	29,442	22,823	583
Iowa.....	27,747	19,637	19,412	142	82	8,109	4,877	3,179	53
Kansas.....	24,800	16,835	16,682	83	70	7,965	4,249	3,670	46
Minnesota.....	41,915	30,304	29,886	231	188	11,611	6,322	5,194	95
Missouri.....	63,588	45,716	44,750	309	657	17,872	10,055	7,475	342
Nebraska.....	12,996	9,132	8,966	91	75	3,863	2,130	1,699	35
North Dakota.....	6,116	4,316	4,283	16	17	1,800	970	821	10
South Dakota.....	5,371	3,744	3,726	9	9	1,627	839	784	3
South Atlantic.....	494,793	319,310	314,070	1,490	3,750	175,483	97,647	76,012	1,824
Delaware.....	7,983	5,161	5,093	13	55	2,823	1,469	1,318	36
Dist. of Columbia..	16,220	9,727	9,623	9	95	6,492	2,303	4,144	45
Florida.....	147,426	93,508	91,299	434	1,776	53,917	32,453	20,846	618
Georgia.....	72,517	45,803	45,308	136	358	26,714	15,297	11,172	245
Maryland.....	54,193	36,397	35,995	108	294	17,795	8,991	8,636	168
North Carolina.....	74,853	50,394	49,644	333	417	24,458	14,798	9,324	336
South Carolina.....	34,905	22,698	22,202	117	379	12,207	6,228	5,797	182
Virginia.....	61,039	37,534	37,014	265	254	23,506	10,805	12,572	130
West Virginia.....	25,657	18,087	17,891	74	122	7,570	5,304	2,202	64
East South Central..	182,329	123,524	121,363	580	1,581	58,805	34,552	23,400	853
Alabama.....	54,536	36,239	35,707	164	368	18,298	11,726	6,372	200
Kentucky.....	39,823	28,572	28,105	187	280	11,251	6,487	4,598	166
Mississippi.....	30,770	20,216	19,688	56	472	10,554	5,411	4,884	259
Tennessee.....	57,200	38,498	37,864	173	461	18,702	10,928	7,545	228
West South Central..	246,675	153,953	151,650	639	1,663	92,723	49,511	42,337	874
Arkansas.....	26,803	17,307	17,214	36	57	9,496	6,266	3,184	46
Louisiana.....	44,090	27,682	27,132	62	489	16,407	8,176	8,061	171
Oklahoma.....	32,879	23,265	23,036	153	75	9,614	5,918	3,663	33
Texas.....	142,904	85,698	84,268	388	1,042	57,207	29,152	27,429	626
Mountain.....	105,457	66,750	65,638	369	743	38,707	20,733	17,593	382
Arizona.....	32,551	20,303	20,046	106	151	12,248	7,204	4,978	67
Colorado.....	26,497	16,784	16,467	89	228	9,713	4,259	5,319	136
Idaho.....	6,993	4,791	4,692	10	89	2,202	1,419	743	40
Montana.....	7,009	4,793	4,721	30	42	2,216	1,363	834	20
Nevada.....	10,841	6,478	6,376	45	57	4,363	2,469	1,868	27
New Mexico.....	11,239	7,003	6,871	19	114	4,236	2,199	1,988	50
Utah.....	8,040	5,103	5,003	63	38	2,937	1,401	1,513	22
Wyoming.....	2,286	1,495	1,463	7	25	792	420	350	21
Pacific.....	476,596	288,644	283,003	2,465	3,176	187,952	104,662	82,044	1,246
Alaska.....	2,168	1,352	1,347	-	5	816	360	452	4
California.....	395,465	235,779	231,196	2,010	2,574	159,686	88,424	70,303	958
Hawaii.....	9,919	5,191	5,012	109	71	4,728	1,977	2,712	39
Oregon.....	29,956	20,544	20,045	210	289	9,412	6,116	3,176	119
Washington.....	39,088	25,777	25,405	136	237	13,311	7,785	5,400	126
Residence Unknown...	3,513	1,139	1,129	-	10	2,374	517	1,850	8
Other Areas.....	12,690	6,675	5,969	36	671	6,014	2,403	3,279	332
Puerto Rico.....	12,056	6,418	5,713	35	670	5,638	2,329	2,977	332
All Other Areas....	633	257	256	*	*	376	74	302	-
Foreign Countries...	661	423	419	*	2	239	107	131	*

Disabled Persons Served and Amounts Reimbursed, 1974-1978

Enrollment

- The average annual rate of increase in enrollment among the disabled was 9.7 percent, 1.9 million in 1974 to 2.8 million in 1978 (Table 3).

Persons Served

- The average annual increase for persons served was even greater than the growth in enrollment (16.8 percent), from 0.8 million in 1974 to 1.5 million in 1978.
- Persons served per 1,000 enrolled rose at an average rate of 6.4 percent, from 411 to 527 per 1,000 in the same period.
  - The average annual rate of increase of persons served per 1,000 using HI services, 3.0 percent, was below the overall average, while the SMI average was above the average, 7.2 percent.
  - Between 1974 and 1978, the number of persons using HI services increased from 208 to 234 per 1,000, and the number of persons using SMI services increased from 424 to 559 per 1,000.

Reimbursement

- Reimbursements rose at an annual average rate of 30.0 percent, from $1.0 to $3.0 billion between 1974 to 1978.
- Reimbursements per person served for the disabled increased at an annual average rate of 11.3 percent, from $1,324 to $2,033 between 1974 to 1978.
- HI reimbursements per person served increased at an average annual rate of 14.5 percent ($1,735 to $2,982), while SMI reimbursements were up 11.4 percent ($479 to $737) in the same period.
- Total reimbursements per enrollee increased from $544 in 1974 to $1,071 in 1978, an average annual increase of 18.5 percent. Approximately 36 percent of this increase was due to the higher proportion of enrollees receiving reimbursements, and about 64 percent was due to the higher amounts reimbursed per person served.
- Reimbursements per enrollee for HI services rose from $360 in 1974 to $696 in 1978, and reimbursements per enrollee for SMI services rose from $203 to $412. Average annual rates of increase were 17.9 percent for HI services and 19.4 percent for SMI services in the same period.
- Among the disabled, changes in enrollment, persons served, and reimbursement were consistently smaller between 1977 and 1978 than the average annual rate of change between 1974 and 1978.

Distribution of Persons Served and Reimbursement, 1978

Aged

- In 1978, the distribution of Medicare benefits was highly skewed: 61 percent of persons served received less than $500 and accounted for only 5.4 percent of all reimbursements (Figure 1).
- Nearly 15 percent of all persons served received $3,000 or more and accounted for 70 percent of total reimbursements.

Disabled

- Fifty-five percent of disabled persons served received less than $500, which represented 3.6 percent of all reimbursements (Figure 2).
- Nearly 18 percent of all persons served received $3,000 or more, representing 78 percent of the amount reimbursed.

Reimbursements per Enrollee by Region, 1978

Table 4 summarizes the data shown in Tables 5 through 9.

All Medicare Enrollees

- In 1978, reimbursements per enrollee for all Medicare services was highest in the West ($996) and in the Northeast ($993) or 28 percent more than in the South, $778 (Table 4). North Central residents averaged $910 per enrollee or 17 percent more than in the South.

Aged

- For the two major Medicare services, inpatient hospital services and physician and other medical services, reimbursements per enrollee varied considerably by region in 1978.
  - For inpatient hospital services, aged Northeastern residents averaged $672 per enrollee, 28 percent more than Southern residents ($523).
  - For physician services, the West was highest, averaging $277 in reimbursements per enrollee, 47 percent above the $188 for the North Central States.

Disabled

- Reimbursements per disabled enrollee for inpatient hospital services were $804 among North Central residents, 38 percent more than the reimbursements for those in the South ($584).
- For physician services the range was $293 per enrollee in the West, 51 percent greater than in the South ($194).
- Reimbursements per disabled enrollee for all Medicare services combined were higher in every region than for the aged, primarily because of the high costs of services to persons with end-stage renal disease.

Sources and Limitations of Data

We derived the use and reimbursement data in this *Note* from a 5 percent sample of the aged enrolled population obtained from claims submitted. We multiplied counts by 20 to estimate total data. Data for the disabled comprise all disabled enrollees and their claims.

Standard Error Tables

Tables 10, 11, and 12 show approximate standard errors for estimates in this report. The standard error is primarily a measure of sampling variability, that is, the variation that occurs by chance because a sample rather than the whole population is used. To calculate standard errors at reasonable costs, approximation methods were used. Thus, these tables are only indicators of the order of magnitude of the standard errors for specific estimates. In general, estimates for small sub-groups and percentages or means with small bases tend to be relatively unreliable. All statements in this *Note* comparing differences between sample statistics meet statistical tests at the 5 percent statistical level.

Definition

Average Annual Rate of Change—A geometric rate of change in which a variable increases or decreases at the same rate over each year. For example, an average annual rate of change of 10 percent, starting with a base of 100 would increase to 110 in the first year, 121 in the second year, and so on.

FIGURE 1
Percent Distribution of Aged Persons Served and Amounts Reimbursed Under Hospital Insurance and/or Supplementary Medical Insurance by Amounts Reimbursed, 1978

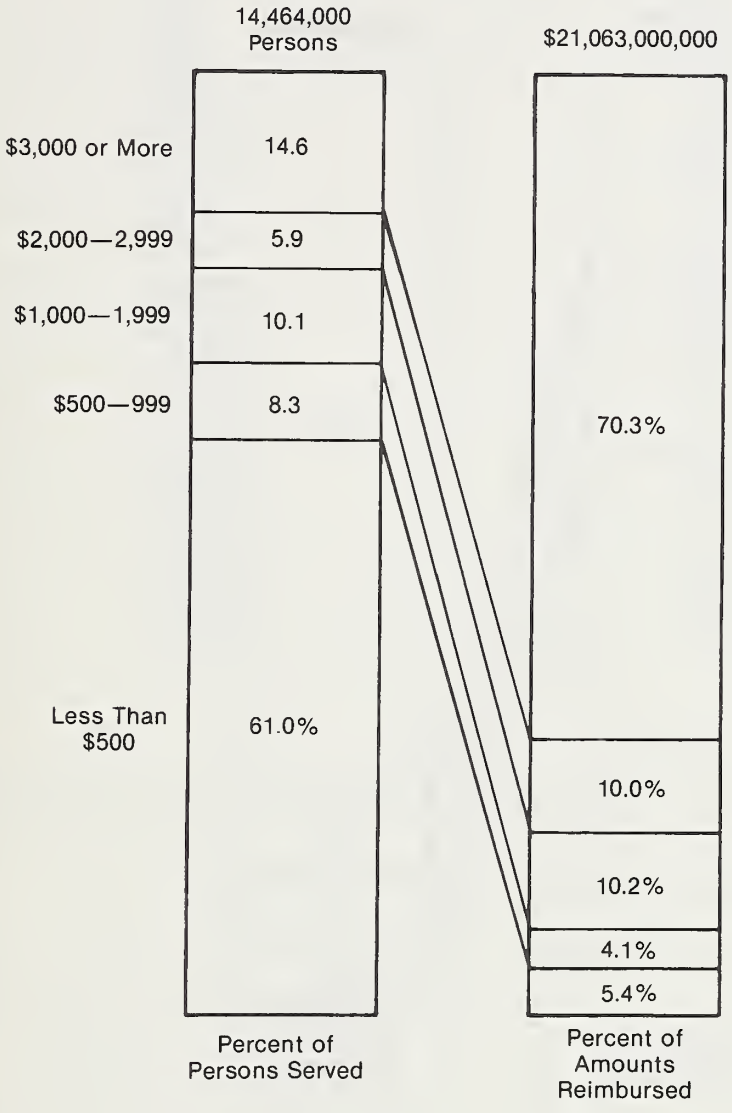

FIGURE 2
Percent Distribution of Disabled Persons
Served and Amounts Reimbursed Under Hospital Insurance
and/or Supplementary Medical Insurance by Amounts Reimbursed, 1978

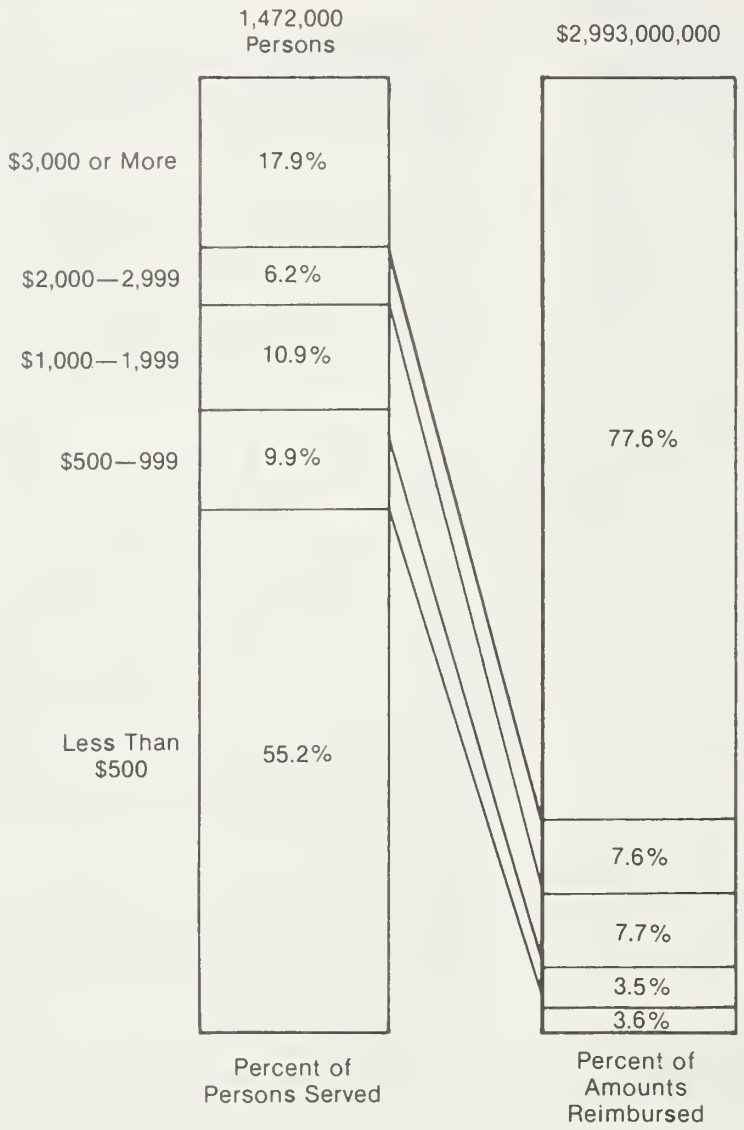

TABLE 10

Approximate Standard Error of Estimates of Number of Persons Using Reimbursed Services

Estimated Number of Persons	Standard Error
1,000	138
5,000	308
10,000	436
25,000	689
50,000	974
100,000	1,375
150,000	1,682
200,000	1,940
250,000	2,167
500,000	3,046
1,000,000	4,255
2,000,000	5,868
3,000,000	6,998
4,000,000	7,857
5,000,000	8,527
6,000,000	9,050
7,000,000	9,451
8,000,000	9,744
9,000,000	9,940
10,000,000	10,043
11,000,000	10,057
12,000,000	9,982
13,000,000	9,816

TABLE 11

Approximate Standard Error of Estimated Number of Persons Served Per 1,000 Enrolled

Estimated Number of Persons Served Per 1,000 Enrolled	Approximate Base of Rate (number of persons enrolled in thousands)[1]												
	25	50	100	250	500	750	1,000	2,500	5,000	10,000	20,000	21,000	22,000
10	2.8	1.9	1.4	0.87	.62	.50	.44	.28	.19	.14	.10	.095	.092
20	3.9	2.8	1.9	1.2	.87	.71	.62	.39	.28	.19	.14	.13	.13
30	4.8	3.4	2.4	1.5	1.1	.87	.76	.48	.34	.24	.17	.17	.16
40	5.5	3.9	2.8	1.7	1.2	1.0	.87	.55	.39	.28	.20	.19	.19
50	6.2	4.4	3.1	1.9	1.4	1.1	.98	.62	.44	.31	.22	.22	.21
100	8.7	6.2	4.4	2.8	1.9	1.6	1.4	.87	.61	.43	.29	.29	.28
150	10.7	7.5	5.3	3.4	2.4	1.9	1.7	1.1	.74	.51	.35	.34	.33
200	12.3	8.7	6.2	3.9	2.8	2.2	1.9	1.2	.85	.59	.39	.38	.37
250	13.8	9.7	6.9	4.4	3.1	2.5	2.2	1.4	.95	.65	.43	.41	.40
300	15.1	10.7	7.5	4.8	3.4	2.7	2.4	1.5	1.0	.70	.45	.44	.42
350	16.3	11.5	8.1	5.1	3.6	3.0	2.6	1.6	1.1	.75	.47	.46	.44
400	17.4	12.3	8.7	5.5	3.9	3.2	2.7	1.7	1.2	.79	.49	.47	.45
450	18.5	13.1	9.2	5.8	4.1	3.3	2.9	1.8	1.2	.82	.50	.48	.46
500	19.5	13.8	9.7	6.1	4.3	3.5	3.0	1.9	1.3	.85	.50	.48	.46
550	20.4	14.4	10.2	6.4	4.5	3.7	3.2	2.0	1.3	.88	.50	.48	.45

[1]Social Security Administration, Office of Research and Statistics, Medicare: Health Insurance for the Aged and Disabled, 1978, Section 2: Enrollment (Washington, D.C.: U.S. Government Printing Office, in press.)

TABLE 12

Approximate Relative Standard Error of Amount Reimbursed or Average Reimbursement Per Person Enrolled, or Average Reimbursement Per Person Served

Estimated Number of Persons Served (in thousands)	Relative Standard Error (percent)					
	Amount Reimbursed or Average Reimbursement Per Person Enrolled			Average Reimbursement Per Person Served		
	HI and SMI Combined	HI	SMI	HI and SMI Combined	HI	SMI
1	26.0	20.5	24.8	22.1	15.2	20.7
5	11.6	9.2	11.1	9.9	6.8	9.2
10	8.2	6.5	7.9	7.0	4.8	6.5
25	5.2	4.1	5.0	4.4	3.0	4.1
50	3.7	2.9	3.5	3.1	2.1	2.9
100	2.6	2.0	2.5	2.2	1.5	2.1
150	2.1	1.7	2.0	1.8	1.2	1.7
200	1.8	1.4	1.8	1.6	1.1	1.5
250	1.6	1.3	1.6	1.4	.96	1.3
500	1.2	.91	1.1	1.0	.68	.92
750	.94	.74	.90	.80	.55	.76
1,000	.82	.64	.78	.70	.48	.65
2,000	.57	.45	.55	.49	.34	.46
3,000	.47	.36	.44	.40	.28	.38
4,000	.40	.31	.38	.35	.24	.33
5,000	.36	.27	.34	.31	.21	.29
6,000	.32	.25	.31	.28	.20	.27
7,000	.30	.23	.28	.26	.18	.25
8,000	.28	.21	.26	.25	.17	.23
9,000	.26	.19	.24	.23	.16	.22

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